

The Electronic Systems Center's Hansconian

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JEFX '99 ends with several successes

by Senior Airman J.A. Lindsey and Roy K. Heitman

JEFX '99 Public Affairs and ESC Public Affairs

Hurlburt Field, Fla. (AFPN) -- This year's joint experiment is right on track with a smoother execution and increased process initiative feedback -- about 1,000 inputs up to date on the 59 initiatives being explored, according to the 1999 Joint Expeditionary Force Experiment senior leadership.

The execution phase has seen several successes, including effective joint military command-and-control communication and collaboration -- a major process initiative of this year's experiment.

"I'm most impressed by the absolute interest and dedication to truly integrate command-and control systems," said Lt. Gen. Leslie Kenne, Electronic Systems Center commander. "The integration of C2 systems is imperative to the warfighter because this will allow the information he or she needs to be gained in near real-time to hit fixed and mobile targets and to

gain situational awareness."

After the first experiment last year, senior leadership was concerned about the integration of C2 systems and the reduced forward footprint initiative, according to Col. Clint Wallace, JEFX assessments chief. But those concerns were alleviated when successful collaboration between stateside and "forward" operating command-and-control centers recently became a reality.

"Collaborative tools allow geographically separated teams to gather in virtual meeting rooms to overcome a distributed environment (supported by expeditionary forces)," said Col. Steve Carr, JEFX director. "These tools are new and in many respects are still in the developmental stage but have proven stable throughout the experiment and have facilitated us to work as one team regardless of location (on land, air or at sea.)"

Both initiatives are projected to be re-evaluated in JEFX 2000.

See Success (page 9)



graphic by Radex Inc.

1999 Joint Expeditionary Force Experiment brought together an array of sophisticated command and control systems.

Above and beyond

Patriot Honor Guard volunteers Senior Airman Rachapreuk Schmidt and Airman 1st Class Angel Montalvo fold the flag during a recent training session. The honor guard will be performing at the POW/MIA ceremony at Boston City Hall Plaza Tuesday. The honor guard is always looking for volunteers. If you would like to know more about joining, call 3-8450.

(photo by Linda LaBonte Britt)



Project starts Sept. 27

by **Airman 1st Class Theresa Fike**
ESC Public Affairs

The groundbreaking ceremony for the new community shopping center is scheduled for Sept. 27 at 2 p.m. behind the Base Exchange.

Army Maj. Gen. Barry D. Bates, Army, Air Force Exchange Service commander and Charles M. Wiker, Defense Commissary Agency Eastern Region director are the scheduled guest speakers. A reception will immediately follow the groundbreaking.

The event is open to the public.

This groundbreaking will mark the beginning of a two-year schedule that includes demolition work, environmental abatement and construction in phases around the existing exchange.

"Those of us who have been involved in this project for so many years are very excited about

the groundbreaking ceremony ... it means that finally, after so many years of planning and hard work, it is really happening," said Dale Ciardelli, Hanscom project manager and base architect. "The base, DeCA, AAFES and AETC (Air Education and Training Command) have all worked together to ensure the new shopping center will be a vast improvement compared to the existing facilities."

The new center, for which a contract was awarded Aug. 6 at a cost of more than \$20 million, will provide 136,000 square feet of total floor area and will house the Commissary, Base Exchange, shopping mall, Military Clothing Sales and a food court.

The construction completion date is set for October 2001. The grand opening of the facility is expected to be in 2002 after interior preparations and stocking are finished.

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13 Family Support Center helps families

Straight Talk

Straight Talk provides two-way communication between the 66th Air Base Wing commander and people on base.

A 24 hour-a-day telephone line and E-mail account (STRAIGHT TALK) are set up as ways for Hanscom's population to submit questions, complaints or comments, anonymously, if desired. All concerns are personally reviewed by the wing commander.

However, the quickest and most efficient way to communicate comments or complaints is to go right to the source. To assist you, we've listed points of contact and telephone numbers for several key support organizations.

Also, don't forget your supervisor, commander or first sergeant. They're there to help you.

If you are not satisfied with the



Col. Chris T. Anzalone
66th Air Base Wing commander

response you receive, or are unable to solve the problem, please call the Straight Talk hot line at 3-3732.

■ 66th Air Base Wing Vice Commander	Lt. Col. Robert Taylor.....3-3901
Col. Peggy A. Shaw.....3-2301	■ 66th Mission Support Squadron Commander
■ 66th Support Group Commander	Lt. Col. Darrell P. Keating.....3-8875
Col. Robert R. Tovado.....3-2302	■ 66th Security Forces Squadron Commander
■ ESC Command Chief Master Sergeant	Maj. Roger A. McNeal.....3-4150
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■ 66th Medical Group Commander	Lt. Col. Denise Taylor.....3-7500
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■ 66th Civil Engineer Squadron Commander	L. Fay Striker.....3-2723
Lt. Col. Thomas J. Schluckebier.....3-3526	■ 66th Logistics Squadron Commander
■ 66th Services Squadron Commander	Lt. Col. Frank Rechner.....3-3461

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Submissions must be received at least one week prior to each Friday's publication.

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To purchase a display ad call Kurt Anderson at 978-371-5705.

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Hansconian free classified ads are available to anyone affiliated with the base. Ads run for two weeks.

Business and rental ads are available for a fee. Call (781) 433-7940.

To place an ad, first complete a classified ad form. Forms are available in the ESC Public Affairs Office, Bldg. 1606, Room 109.

Next, mail the form through BITC to ESC/PA, fax a copy to Theresa Feely at 3-5077 or hand-carry it to the above location. Deadline is noon Friday.

For more information, call the Hansconian office at 3-3912.

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Call 1-800-722-1914 for problems newspaper delivery to base housing and call 3-3912 for problems with delivery to base buildings.

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Auto Hobby Shop

Q I have a 30-foot motor home. In the past I have been able to work on it at the Auto Hobby Shop. Since the change of supervisors down there, it is no longer allowed. I would think that it would be possible for people to get in there on a reservation basis on off-duty times. That does not seem unreasonable.

A Thank you for bringing this to our attention. The Auto Hobby Shop can and will support the repair of motor homes on a case by case basis. Because of specific safety regulations, use of the shop's vehicle lift depends on the size and weight of the motor home involved. However, customers are free to use all other tools and equipment in stock at the shop.

Air Force gets better with age

by Col. Chris T. Anzalone
66th Air Base Wing

The world's best air and space force is celebrating its 52nd birthday Saturday.

During its proud history, the Air Force has been a major element of the nation's defense and one of its primary means for deterring war.

As we stand on the precipice of a new century as well as millennium, let us reflect on the role the Air Force has played in providing the blanket of freedom that we sometimes take for granted.

In 1947, World War II had been over for two years and the Korean Conflict was three years away when President Harry S. Truman's signing of the National Security Act of 1947 created The Department of the Air Force.

This marked the ending of a 40-year association with the Army where it was known as the

Army Air Forces.

The Air Force, as a separate service, entered a new era in which airpower became firmly established as a necessary deterrence for war.

The Air Force quickly proved itself as a vital instrument for achieving national objectives as witnessed by the around-the-clock flights of the Berlin Airlift, and numerous missions over Korea and Vietnam.

More recently, the Air Force showcased its awesome might over the skies of Baghdad during Desert Storm and the war in Bosnia.

Perhaps its greatest accomplishment was helping the United States prevail in the struggle for freedom around the world by winning the Cold War.

As the nation's youngest service, it has truly proven that it is a world class Air Force without peer.

Today, the Air Force has

Motor home owners should be aware that the Auto Hobby Shop does not carry oversized wrenches or hydraulic repair tools. Also, the mechanics are not certified to service motor homes so customers must be responsible for their own motor home repairs.

You should also be aware that the Auto Hobby Shop recently moved to a new location. It is now in building 1608, on Griffis Street across from the Brighton Marine Clinic. For information about the Auto Hobby Shop, contact 1st Lt. Cory Larsen at 3-3903.

Readers may also be interested to know about Hanscom's other important self-help resource, the Self-Help Store.

The Self-Help Store provides a wide variety of tools, supplies and training materials for base housing residents to improve and maintain their homes at no cost to the customer. For information about the Self-Help Store call 3-8225.

proved to be the service of choice among new recruits. They perceive the Air Force as the most technologically advanced, getting superb recruits, doing the most to deter war, caring about its people the most and having the best benefits.

With these laudable sentiments, we can all be proud of the service that "Team Hanscom" is apart of. Each military member, civilian and family member plays a vital role in mission accomplishment - which is to defend the United States through control and exploitation of air and space.

So as we go about our everyday lives, let us pause to celebrate the accomplishments of airpower and the birthday of the Air Force.

To commemorate this event, the Officers' and Enlisted Clubs will be having celebrations, which will include food, prizes and music today at 4 p.m. So come out and enjoy the fun.

Start date for Chief of Staff Survey changes

RANDOLPH AFB, Texas — Officials Sept. 8 moved the start date for the Chief of Staff Survey from Wednesday to Sept. 30 to allow users greater access to information.

The change was made to ensure the anticipated changes to pay, bonuses and retirement currently under consideration by Congress for fiscal 2000 are available before the survey starts, according to a CSAF Survey team official.

"The CSAF wants to hold the survey start date until Sept. 30 so that he can make more informed decisions for the men and women of our great Air Force," said Capt. Scott Hopkins, a member of the CSAF Survey team. "This baseline data will provide us critical feedback as we prepare to voice your issues during the coming year."

The 1999 Air Force Chief of Staff Survey is a multifaceted poll to gain understanding of quality of life and organizational climate issues. The Air Force con-



ducted a similar survey in 1997 and more than 206,000 airmen and civilians responded. This year's survey asks 127 questions.

The quality-of-life portion of the survey addresses base-level community and educational programs, personnel tempo, compensation, medical care, housing and retirement programs. The organizational climate portion asks questions about core values, job characteristics, unit resources and more.

A comprehensive World Wide Web site will allow users to complete the survey online. The site is secure and allows users to remain anonymous throughout the process, according to Hopkins, one of the chief architects behind creating the technology for the massive polling effort for the CSAF Survey team. There's also a complete body of information including images, articles and briefing files available to read. The address is: <http://csafsurvey.randolph.af.mil>.

Intelligence office takes fitness cross-country

by **Senior Airman Jason J. Ide**
ESC Public Affairs

Yellow lights run down the hallway along the ceiling, flashing on and off, marking the presence of an "uncleared" visitor. People, some in uniform and some in civilian clothes, mill about from cubical to cubical passing along information.

Sounds like the typical office here, right? Well, except for those flashing lights.

At the Electronic Systems Center's Office of Intelligence, which provides intelligence support to ESC program offices, workers toil away daily analyzing and processing classified data in a windowless environment.

So how do they deal with the responsibilities of working in an intelligence office where they can't go out after work and talk about their jobs like everyone else?

The unit has a fitness program that includes an exercise program called Bike Across America and a unit work out time for all those who wish to participate.

The program is designed to promote camaraderie and personal fitness, said 1st Lt. Matthew Pixley, an ESC threat program manager and one of the unit's fitness monitors.

"It's one of the few times that rank is put aside and we just play the game," said Airman 1st Class Kaleb J. Brown, network administrator, "and, besides, it sure beats work," he added.

The Bike Across America program isn't exactly what it sounds like, explained Capt. John Webster, operations division chief, and another of the unit's fitness monitors.

"The participants do not actually bike across the country," said Webster, "but instead exercise during and after duty hours and then record the number of minutes they worked out.

"The times are converted into miles and are plotted along a course that begins in Boston and ends in San Diego."

The military and civilian winners are recognized by a plaque that the unit has hanging in one of its hallways called "The Wall of Fame."

1st Lt. Jeannie Connor, executive officer, was the first person to cross the country by logging 3,000 miles, for which she received a three-day pass. She accomplished this with 60 hours of exercise in 30 days.

"Well, I like to exercise and it's a 12-mile bike ride to work one-way so that helped," said Connor.

A couple of weeks later Pete Houston, a MITRE Eastwing engineer, was the first civilian to cross the finish line.

"For me, it was part of a life-style change that I made a few years back to walk as much as I could to keep in shape," said Houston.

After the initial finishers cross the map, military members who finish get a day off work and the civilians get a Hanscom sweatshirt or hat provided by

the 66th Services Squadron.

Jerry Turnbow, Fitness and Sports Center director, is enthusiastic about the program. "The Fitness and Sports staff are always willing to support the efforts of any unit physical fitness initiative," he said.

In addition to individual work-outs, the unit also has a designated work-out time on Tuesdays at 3 p.m.

All personnel both military and civilian have an alternate duty location at the gym or one of the fields where they participate in athletic activities such as basketball and ultimate Frisbee.

The unit gets about half of its personnel attending its Tuesday afternoon exercise sessions, including the intelligence director, Lt. Col. Chuck Mustapich. According to Webster, the turnout is pretty good considering the diversity of civilians and military



photo by Airman 1st Class Theresa Fike

Airman 1st Class Kaleb J. Brown 'jukes' 1st Lt. Matthew Pixley and sends a pass to one of his teammates during a round of ultimate Frisbee.

members in the unit.

"I'm amazed at the success. Not only did almost everyone in the unit participate but they got excited about it," said Pixley who recommends that other organizations try this program. "Clearly we have accomplished both our goals already, promotion of personal fitness and building unit esprit de corps."

AFRL engineers file for patent

Discovery detects chafing; prevents critical failures

ROME, N.Y., — Chafing in electrical and hydraulic conduits, which could lead to disastrous mid-air failures, may be detected in advance with technology identified by three members of the Air Force Research Laboratory Information Directorate.

Frank Born, Roy Stratton and Capt. Raymond Harris (now stationed at Hurlburt Field, Fla.) of the directorate's Information Technology Branch have submitted an application to the U.S. Patent and Trademark Office for a patent on "Method and Apparatus for Detecting Conduit Chafing."

"It's really rather old technology that evolved from

some research we were conducting when our mission included electronics reliability," said Stratton. "Basically, the technique involves wrapping a fiber optic cable or piece of wire around the conduit you want to monitor. When the sensor breaks or short-circuits, you know you have dangerous chafing."

"This procedure can be used on anything where chafing is a concern," Stratton said. "We were thinking specifically about the 1996 crash of TWA Flight 800, where investigators have speculated that an electrical short in the center fuel tank caused a spark and subsequent explosion. Our technique will determine that something has chafed

before you reach the point of catastrophic failure."

The technology is expected to be of prime interest to aircraft manufacturers concerned with chafing problems involving electrical systems in several models; however, it can also be applied to hydraulic or fuel lines where rupture or bursting can cause system failures and damage to surrounding materials.

"The use of these ideas could potentially prevent deadly mishaps and reduce the cost of examining cables for chafing to prevent such accidents," Stratton said. "In addition to cables, this method will detect chafing on any conduit-hydraulic hose, air line, pipe or fiber optical bundle."

Horse's head up for grabs

by **1st Lt. David Englin**
ESC Public Affairs

The first "Horse's Head" Golf Tournament will take place Friday at the Patriot Golf Course.

The check-in time is noon for this nine-hole scramble, four-person team tournament, with a shotgun start at 12:30 p.m.

The tournament is named for the 66th Air Base Wing toy horse head "mascot" that units receive in jest for committing various faux pas. Some of Hanscom's units will sponsor holes during the tournament, giving them the right to make up creative rules at that hole and to display their unit

mascot.

An awards luncheon will follow the tournament at which team awards will be given, as well as individual awards for the straightest drive and the closest to the pin.

Cost of the tournament is \$22 per person, which covers nine holes of golf, lunch and prizes. The cost for members with AGF or 10-play cards is \$15. For an additional \$10 players can register to win a new set of irons, as long as at least 50 people register.

Sign up for the tournament before 4 p.m. Tuesday by contacting Gayle at 3-2301 or at Gayle.Stanwyck@hanscom.af.mil.

Rechner to command logistics

by **1st Lt. David Englin**
ESC Public Affairs

Lt. Col. Frank J. Rechner will assume command of the 66th Logistics Squadron Tuesday at 2 p.m. during a ceremony in the Transportation Division operations bay.

Rechner, his wife, Daphne, and their three children arrived at Hanscom from Camp Smith, Hawaii, Aug. 24. Rechner was the commander of the Defense Energy Support Center at Camp Smith.

Rechner received his commission in 1983 through Officer Training School. He returns today from the week-long Air Force Materiel Command Squadron Commander Course at Wright-Patterson AFB, Ohio.



Lt. Col. Frank J. Rechner



Mum’s the word

Chad Elkenberry, 66th Civil Engineer Squadron grounds crew, works to plant mums in front of Bldg. 1606, Electronic Systems Center Headquarters. The planting is part of fall preparations for base beautification; mums are a heartier cold weather plant. (photo by Senior Airman Jason Ide)

TRICARE enrollment process, ID cards change

by Airman 1st Class Theresa Fike
ESC Public Affairs

TRICARE has developed new advancements in enrollment techniques and identification cards for patrons this year.

According to a Sierra Military Health Services release, an automatic, continuous enrollment makes annual form filing unnecessary. A patron’s enrollment in TRICARE Prime ensures a spot reserved with a primary care manager or team.

Identification cards are also changing this year.

Active duty, retirees and their family members who currently have TRICARE Prime ID cards that contain an expiration date will receive replacement cards, according to the release.

The new card will not contain an expiration date. Until received, continue to use present cards for

TRICARE Prime.

A policy decision by the company management activity, regarding issuing active duty service members TRICARE Prime ID cards, is pending.

While awaiting that decision, TRICARE Northeast will not issue new cards to active duty personnel with the exception of those designated as belonging to geographically separated units, according to the release.

Retirees and family members will receive an invoice for a re-enrollment fee. Fees are sent quarterly or yearly to Sierra Military Health Services for enrollment continuation.

To disenroll, complete the form on the bottom of the invoice and return it to SMHS.

If you have TRICARE questions, stop by your nearest military treatment facility, TRICARE Service Center or visit Sierra’s web site at www.sierramilitary.com.

The country celebrates 52 years of Air Force heritage, honor, leadership and advancing technology ...
So what does the Air Force mean to you?



"I have always felt that aerospace power is pivotal to a continued free society, for us and others. The leading edge technology the United States Air Force fields, combined with our team of dedicated military and civilians, makes us the most respected aerospace force in the world. I'm proud that the Air Force today remains ready to meet the nation's demands."

Lt. Gen. Leslie F. Kenne
 Electronic Systems Center commander

"Personally, the Air Force is my 'extended family.' Professionally, the Air Force is a superb career option to not only assist in securing the nation's defense, but also interface with our outstanding international allies."

Col. Chris T. Anzalone
 66th Air Base Wing commander



"To me, the Air Force has never been a job. It's always been a calling, something higher than any individual. The Air Force is about all the dedicated enlisted and officer professionals who make it happen every single day because they believe in what they do and I take tremendous pride in working along side of each of them."

Command Chief Master Sgt. Frank Holmes
 ESC Command Chief Master Sergeant

**Happy Birthday
 USAF**



Sept. 18, 1947 - 99



"To me, serving in the United States Air Force means remembering those airmen who have sacrificed their lives in combat defending the freedom I enjoy today. It also means embracing the challenges and opportunities of the 21st Century."

2nd Lt. Brian Knight
 ESC Protocol project officer



"Opportunity. The Air Force has given me numerous opportunities and challenges that resulted in meeting new people, learning new skills, being part of a team and feeling good about myself by representing my country. Best of all, it's given me direction and strength to conquer the challenges still yet to come in my career."

Senior Airman Kathy McCabe
 ESC Executive Services

"Coming from a very dysfunctional, disruptive childhood, I joined the Air Force as sort of a 'sink or swim' away from what I had grown up in. I had little to no self-worth and life skills. All I knew was that I should do better. I gained a lot from the Air Force but the thing that always comes to the top is the sense of pride I now have in myself. I learned that I was capable of almost any goal I set for myself and being part of a service that gives so much in so many ways is a great feeling as well. So when I think of what the Air Force means to me, I guess I would have to say it means pride."

Master Sgt. Maureen Garrison
 Commander's Support Staff superintendent



Vocalist finally gets his chance to join the band

By Airman 1st Class Theresa Fike
ESC Public Affairs

Hanscom’s Band of Liberty recently gained a new addition to its crew – a four-time Tops in Blue vocalist, who hasn’t always been in the band.

A Louisiana native, Tech. Sgt. Huey Gauthier entered the Air Force because he wanted a change after teaching high school speech and drama for a year.

In basic training, he tried to make the cut at the band tryouts. “I proudly marched down there, sang my little heart out and marched back ... only to find out that I was going to be a photographer,” said Gauthier.

After training, Gauthier was stationed at Vandenberg AFB, Calif. There he would sing as he worked, and his supervisor advised him that he should try out for Tops In Blue. So he signed up for the base talent show, the first step in the series of tryouts.

“There I was ... a little, skinny guy in a borrowed suit singing a Motown medley,” he said as he smiled, “and I won.”

He went to the major command tryouts but he wasn’t prepared for the showmanship that was at hand.

These contests can have several hundred people competing, and only 30 people go on to tour for

the TIB. Add that to the designated number of slots for each type of performance and the competition can get intense.

Gauthier tried a total of three times without success, but each time he would go home with more experience and would keep practicing one song for another straight year.

All the practice paid off when he made the TIB cut in 1986. At that time the tour was only six months long. When he toured in 1990, 96 and 98, the tour had changed to a year long and included an average of 120 performances at 100 locations worldwide.

“It could get tiring at times. You do a lot of traveling with the same 30 people for a year and sometimes start acting like a dysfunctional family,” said Gauthier, “but you do make lifelong friends, and once you see the fans enjoying themselves, you know it’s all worth it.”

He traveled throughout the continental United States, Canada, Europe, Central America, Alaska and the Pacific.

When Gauthier was not on tour, photography took him to Vandenberg, Denver and Pensacola, Fla., where he was a DoD joint force instructor.

Hanscom came into view when a band director approached him after a performance here. He

offered Gauthier a chance to join the Air Force Band of Liberty.

Gauthier said he was very interested, but his first chance did not come through due to emergency orders to Incirlik AB, Turkey.

He was assigned there for two years but went on tour with TIB for the second year.

After that tour, he was once again offered a band position here and this time was able to take it.

Gauthier is now cross-training into the band field.

“People would ask me if this was really my job, did I sing for a living and I had to tell them no, I’m really a photographer,” he said. “Now I can finally say yes, and isn’t it great.”

He said that he missed the chaotic times that came with TIB, quick changing between performances and memorizing lyrics and cues, but believes that being in the band here has more pressure overall.

“When I performed with the Tops in Blue I had less pressure because if I were to make a mistake, the lights, costumes and all of the activity would camouflage it,” he explained. “If I trip or miss a line while performing with the band, it’s more noticeable.”

He said he really enjoys working with the band here and hopes to add some “of him” to the New Horizons.



photo by Airman 1st Class Theresa Fike

Tech. Sgt. Huey Gauthier sings a “Salute to Motown” at Taszar Air Base, Hungary while a member of Tops In Blue.

R-r-r-rumble

Command and control a defining force between victory and defeat

Commentary by Capt. Joe Allegretti
ESC/CCX

Sometimes the main ingredient in understanding is a dash of imagination. Such is the case with a complicated recipe like command and control.

Imagine you're not where you are — at the kitchen table, on the sofa, sitting behind a desk, wherever you happen to be reading this.

Imagine, instead, you're in New York — the city that never sleeps. It's fight night and you've got a ringside seat at Madison Square Garden.

The announcer gets on the loudspeaker, bringing the frenzied crowd to attentive silence.

Tonight's fight is for the heavyweight championship of the world, and we're ready to rumble.

The boxers

Now before we ring the bell, let's throw in some wrenches.

Let's say the boxer we're all rooting for is just a little bit lighter and a little bit leaner than his opponent. And for the sake of argument, let's say you know for a fact they both have equal records and have been on the same training regimen.

Now, let's say the only serious difference between the two boxers is how well they think. One of the fighters has what we military folks refer to as 'good command and control,' while the other fighter is a little slow in that area.

But, before we jump to the conclusion that the boxer we're rooting for will be the more lethal of the two, let's see how this thing we call command and control fits into the fight.

First, each fighter steps into the ring with a common objective, and that is — as Marines like to say — "to close with and destroy the enemy," or to beat the other guy up.

The boxers and the Air Force

Now, let's step back for a moment and draw some parallels between the boxer and

the Air Force.

Before the fight or the air war, the focus is on getting well trained and equipped.

The prizefighter needs equipment that is up to "specs," proper facilities for training, and he doesn't enter the ring without good some good medics nearby. Of course he won't step into the ring unless the purse is big enough.

It's the same in the Air Force. The core competency of agile combat support provides the logistics, medical systems, finances, etc., to support our light and lean lethality. It's a just a little more complicated than "three hots and a cot." Good command and control helps us manage those behind-the-scenes complications. It makes us that much more ready to fight.

But, from that set of equipment, most of us would be able to identify the most critical tools that the boxer has at his disposal to fight and to win. Here, I'm talking about his arms and fists, his legs and feet, his eyes and brain and his coach.

The Expeditionary Air Force

Once ready, I would contend the boxer's arms and fists are a lot like a two-ship formation of A-10 Thunderbolts — sort of a primary weapon system, hovering around the target area ready to strike or defend.

I would liken the boxer's legs and feet to the expeditionary nature of the Air Force. When a boxer wants to attack weakness or maneuver around strength, he uses his legs and feet to jockey for position. When the Air Force receives an execute order to attack across the globe, the wings of airlift and the legs of logistics mobilize us to where we are best able to fight. To paraphrase Muhammad Ali, we need to fly like a butterfly if we want to sting like a bee. With the boxer and the Air Force there is mobility, maneuverability, agility, responsiveness and speed, enabling us to engage the opponent at a time and place of our choice.

Tactical C2 Node

I would also liken the boxer's eyes and mind to a tactical command and control node. Raw visual information is turned into intelligence by the boxer's brain. With that, he tactically commands and controls his legs, feet, arms and fists.

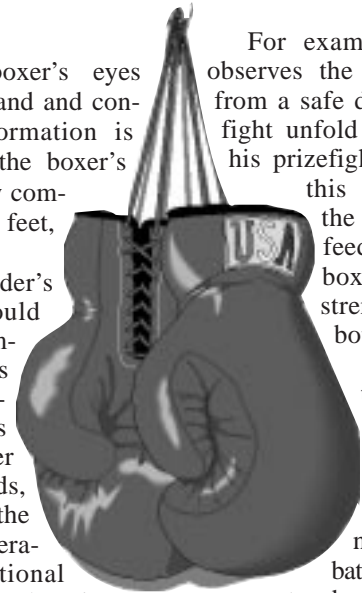
For example, the contender's brain determines what should be done in response to an incoming jab. In the back of his mind is a painfully well-learned lesson from previous fights: poor posture is a prayer for punishment. In other words, the risk of ducking to avoid the inbound jab is physical vulnerability and reduced situational awareness caused by a crouched position. So, he takes it on the chin to avoid something worse. Here, the boxer makes a command decision that results in tactical control. This process is a constant in every fight.

Similarly, an A-10 pilot on a close air support mission makes continuous tactical decisions. His tactical command and control cycle begins with input from a couple of key sensors. He relies on his radar warning receiver to warn of counter-air threats. He relies on communications with the air liaison officer at the battalion level for direction into the target area. And clearly, he relies on his own eyes for continuous, real-time tactical updates. All of these sensors feed his brain with information about threats to himself and to his friends slugging it out on the ground.

With that information, the A-10 pilot can exercise good command and control over his own tactics to pound the enemy with his 30-millimeter Gatling gun and his Rockeye II cluster bombs.

Operational C2 Node

At a higher echelon in the Air Force, you can liken the boxer's ringside coach to an operational command and control node.



For example, the boxer's coach observes the actions of both boxers from a safe distance. He can see the fight unfold from a perspective that his prizefighter doesn't have. With this operational perspective, the coach provides periodic feedback and direction to his boxer on how to address the strengths and weaknesses on both sides of the ring.

The smart boxer will then apply that guidance and direction to his own tactics.

In the same manner, the joint forces air component commander and his battle staff at an air operations center observe the battlefield from afar with long-range sensors like the E-8 Joint Surveillance Target Attack Radar System aircraft. This gives them situational awareness on the overall air campaign, as it unfolds.

With that information, the JFACC can direct his air forces to strike where he sees fit and to adjust operations where needed.

Who will be left standing?

Eventually, after multiple rounds of engagement, the proverbial bell will ring and one of the contenders will be declared heavyweight champion of the world.

But, who will it be?

Well, if both fighters are equally equipped physically, then I would contend that the fighter with the best ability to manage both the operational and tactical levels of the fight will win.

Good C2 is a weapon

There you have it — a roundabout, but hopefully easy to understand analogy demonstrating that good command and control is a weapon system — like a sharp knife that cuts through the fog of war or, in boxing parlance, like a solid upper-cut followed by a punishing left hook. Good command and control is a defining force between victory and defeat.

Teen volunteers shine at Family Support Center

by Sondra Albano
Family Support Center

“They’ll spend all day on the internet and giggle in front of customers. They need constant supervision.” That was my initial reaction when asked to consider implementing a teen volunteer program at Family Services. Following assurances that there would be adult supervision, we tried it.

Four months later, I noticed a new teen in the office, Jessica Barrows, and asked if she would help assemble a Family Support Center historical notebook, a long-abandoned project that no one would previously undertake. I gave her a cardboard box containing 10 years of Hansconians and other newspaper clippings.

Forty five minutes later, Jessica

appeared in my office. “I’ve sorted through all the articles and put them in file folders corresponding to each year from 1988 through today.”

The following week, she and the team she recruited, Heather and Lindsay Warren, presented me with a large looseleaf binder titled, “Family Support Center Memories: 1988 to 1999.” They had actually culled through 10 years of Hansconians, cut and pasted all Center articles, and arranged them in chronological order, color coded by year. I was so delighted that I escorted them down the corridors, stopping in each office to show the staff the product of their joint efforts.

For years, no one, paid staff or



(photo by Julie Cornell)

Volunteers (left to right) Heather Warren, Lindsay Warren and Jessica Barrows organize news articles.

volunteer, had taken on this project and here in less than two weeks three teens came through on their own initiative. I learned several things from this experience.

Foremost, prejudgments are the enemy. Everyone has strengths and talents, and

we can find ways to challenge people to elicit their strengths. There is no formula, and it can happen in the most serendipitous of ways.

These teens displayed more organizational skill, initiative and follow-through than I have observed in some time. Perhaps our teen volunteers also discovered some strengths, increased self-awareness and confidence in their ability to contribute to an important goal.

Our summer teen volunteers contributed in many other ways. They maintained our Loan Locker, helped relocating families by lending installation brochures and videos and assisted staff on various projects requiring computer skills.

Their diligence in taking on and completing all these projects is admirable. Jessica Barrows, Heather Warren, Lindsay Warren, and Amy Liu, thank you.

Raiders fall victim to Tanners

by Dave Pacheco
LBH Raiders

The Lexington – Bedford – Hanscom Raider E Team, ages 7 to 9 opened the 1999 Pop Warner Football Season with a loss to the Woburn Tanners 28 - 14.

The Tanners opened the game with two touchdowns before the Raiders Sean Brice responded with an impressive 65-yard run to the promised land, making the score 14 - 6.

After a missed two-point conversion attempt, both teams settled into a time- crunching game of football ending the half with no more scores.

Early in the third quarter the Tanners scored a quick touchdown along with a successful two-point conversion only to be stunned by a remarkable touchdown kick-off return by Brice late in the third quarter.

After the touchdown David Pacheco converted on

a two-point try making the score 22 - 14.

Late in the fourth quarter the Tanners scored yet another touchdown, missing the conversion making the score 28 - 14.

Following the touchdown, the Tanners went for an on-side kick which they were able to recover only to lose the ball on downs to the Raiders who were unable to make it into the end zone before time ran out.

Both the offense and defense were led by a number of Hanscom natives including Brice who scored two touchdowns, Tony Arsenault, David Pacheco, Phillip Bach, Christopher Brice, Anthony Fisher, Jennifa Graves, Tyler Kimmet and Michael Pacheco.

Their next game is Sunday at Billerica. Game time is 8 a.m.

For directions contact Pacheco at 3-9485.

Success (from page 1)

Among the success stories from Hanscom was the Atmospheric Effects Server developed by the Air Force Research Laboratory here. Debuted at JEFX '99, the server uses weather information to determine sensor effectiveness for weapons such as the Maverick missile, including expected lock-on ranges and thermal contrasts between targets and backgrounds.

“Worrying about and predicting how weather will effect weapon system performance is what we should be working on for the warfighter,” said Lt. Col. Frank A. Zawada, chief of AFRL’s Modeling and Simulation Branch. “He does not want to know what the weather is, he wants to know how his and the enemy’s mission will be affected by the weather.”

Command and control packaging of weather effects emerges as a driver of mission success. Branch officials hail the Atmospheric Effects Server as an excellent start in giving the warfighter a realistic capability in JEFX and future exercises.

Throughout the experiment, the server provided graphical displays of weather parameters, unit locations and enemy targets slated for attack. By clicking on units and entering basic engagement profiles, the AFRL server answered with expected lock-on ranges across multiple altitudes and angles of attack. This allows planners to develop tactics that would maximize firepower while minimizing the threat to pilots.

The next outing for the Atmospheric Effects Server will be at the Blue Flag exercise next week. This will allow more users to sample the system and provide feedback necessary to make it a more robust tool. “Our goal is to include environmental effects directly into Electronic Systems Center’s Theater Battle Management Core Systems,” said AES project manager Robert Raistrick. “This will enable planners to use weather as a force multiplier and not as a hindrance.”

Successful communication between Air Force and Army command and control is another success of JEFX '99.

“This was a major challenge in Joint Expeditionary Force Experiment '98 and is clearly a success story for Air Force, the joint military community and to the warfighter,” Wallace said.

JEFX has afforded the Air Force and the Army an opportunity to learn how to work with each other. In order for the Air Force to support the Army with air power, both branches must be able to communicate quickly and effectively with each other. This was achieved through the Army’s Deep Operations Coordination Cell and the Battlefield Coordination Detachment.

Another communication success is that players have their finger on the pulse of the main purpose of this event by properly identifying initiative problems rather than attempting to overcome them through other means simply to “win the war,” which can be a sticking point for experimentation, Wallace said.

“Well-documented feedback promotes effective budgeting decisions when acquiring new systems and equipment. Through this experimentation we’ll have the data to support those decisions, saving taxpayer’s money in the long run,” Carr said.

Changing the way the Air Force currently does business is another experiment initiative currently being worked, Wallace said.

“Acquiring technology isn’t enough,” he explained. “We’re working toward not being encumbered by old ideas and concepts.

“This can be explained with the M-16 and Spear analogy,” Wallace said. “In the early days of man, war was conducted with stones. Then, as technology was gained, men threw spears at each other. Then, one side gained more technology and developed an M-16 and the other still had the spear. Facing each other, the one man threw the spear and missed; the man with the M-16 threw the rifle, missed and cursed technology.”

“Changing attitudes and how we think about and handle advanced technology is one of the greatest gains of this experiment,” Wallace added.

Saving money, time and lives is the ultimate objective behind future Air Force experimentation, Kenne said. Rather than investing in a system and modifying it or its processes to make it work, through thorough prior evaluations the initiative can be modified before investing in it.

“This is a hugely complex task and experimentation is the least expensive way to achieve these necessary objectives,” Kenne explained. “Making programs and systems integrated and interoperable will put us on the right track to improving our future warfighting capabilities.”

Calendar of Events

Today

American Institute of Aeronautics and Astronautics monthly meeting

Private launch vehicles and commercial space transportation will be the feature topic at the American Institute of Aeronautics and Astronautics monthly meeting. Patricia “Patti” Grace Smith, associate administrator for Commercial Space Transportation, Federal Aviation Administration, Washington, D.C. will be the guest speaker.

The dinner meeting will take place at the Officers’ Club, Wednesday starting at 6 p.m. Cost is \$17 for members and \$20 nonmembers and students \$10. Free to nonmembers signing up for AIAA membership that evening.

Reserve a place by calling Diane Webb no later than today at 781-238-7145 or e-mail: diane.webb@faa.gov.

Thursday

Promotion Ceremony

Col. Peggy A. Shaw, vice commander, 66th Air Base Wing cordially invites you to a ceremony in honor of Lt. Col. David E. Thompson on the occasion of his promotion to the rank of colonel, Thursday at 2 p.m. in the Officers’ Club Ballroom. A reception will immediately follow.

Dress for military it the uniform of the day and for civilians is business attire.

Commander’s calls

There will be a 66th Air Base Wing Commander’s Call at the base theater, Thursday at 10 a.m. and again at 2 p.m.

Upcoming and Weeklies

Hanscom has three graduate from McGuire

The McGuire Noncommissioned Officer Academy held graduation ceremonies for Class 99-6 Sept. 9.

Among the 110 graduates were three individuals from Hanscom, Tech. Sgt. Leslie J. Rush, 66th Mission Support Squadron, Tech. Sgt. Gregory A. Bradey, Electronic Systems Center Protocol, and Staff Sgt. Stephen M. Kurtz, 66th Medical Group.

Retirement ceremony

Lt. Col. Steven Kupecz, chief of Advanced Development, Combat Air Forces C2 Systems Program Office will retire from the Air Force Sept. 24 after 29 years of service.

The retirement ceremony will be held at the Officers’ Club at noon.

Officiating at the retirement will be Col. Bruce Hevey, director for Combat Air Forces C2 Systems. A reception will immediately follow.

Cost is \$12.

Those wishing to attend can contact Karen Sizer at 186-4628.

Airman Education and Commissioning Program

The Airman Education and Commissioning Program is open to airmen with two years of college pursuing a baccalaureate degree in meteorology, computer engineering, electrical engineering, foreign languages or foreign area studies.

The application cut-off dates for a memorandum of academic eligibility is due to Air Force Institute of Technology customer service office Dec. 1.

Applicants who successfully complete their academic phase of AECP will enter Officer Training School.

Interested individuals can contact the base education office at 3-3120 to schedule an appointment with a counselor.

Funded Certification Examination Pilot Programs

Eligible military candidates have until Sept. 30 to participate in the funded certification examination pilot programs. Funded examinations are available for the Liaison Council on Certification for the Surgical Technologist, Institute for Certified Computing Professionals and Electronics Technicians Association, International - Fiber Optics Installer.

For information, go to the certification web page at <http://voled.doded.mil/dantes/cert/index.htm> or call DSN 922-1360 or (850) 452-1360.

Professional Officer Course Early Release Program

The Air Force ROTC Airman Scholarship and Commissioning Program and the Professional Officer Course Early Release Program have changed application deadlines from January and June to October and March.

Individuals interested in applying for ROTC this fall should begin the application process now and call 3-3120 to schedule an appointment.

Volunteers needed for recruiting program

The 319th Recruiting Squadron is looking for active-duty members to volunteer for the Recruiting Role Model Assistance program.

Volunteers will talk about their area of expertise to high school students throughout the New England area.

For information contact Tech. Sgt. Michael Lord or Staff Sgt. Claudette Hutchinson at (603) 427-5055.

Patriot Dining Facility

The weekday hours of the facility are as follows:

Breakfast — 6 to 8 a.m.	Dinner — 4 to 6 p.m.
Lunch — 11 a.m. to 1 p.m.	Weekend and holiday hours:
	Brunch — 7 a.m. to 1 p.m.
	Supper — 4 to 6 p.m.

Friday Lunch: fried fish, breaded pork steak with mushroom gravy Dinner: vegetarian pizza, chicken cordon bleu*	yakisoba* Dinner: pot roast, barbecued chicken*
Saturday Brunch: chili macaroni, chicken lo mein* Supper: burritos, savory baked chicken*	Tuesday Lunch: sloppy joe, broccoli chicken spud casserole* Dinner: grilled ham steak, lemon turkey pasta*
Sunday Brunch: tuna melt sandwich, roast pork loin* Supper: turkey ala king, veal steak*	Wednesday Lunch: beef lasagna, turkey cutlet* Dinner: sweet and sour chicken, Reuben sandwich
Monday Lunch: chicken Kiev, hamburger	Thursday Lunch: tomato meatloaf, grilled mustard chicken breast* Dinner: Swedish meatballs, turkey curry*

Items listed with an “*” are “Check It Out” healthy items. For information on the facility or the menu call Staff Sgt. Shane Meeks at 3-2189. NOTE: Menu items are subject to change.

Hanscom School Menu

Monday Grilled cheese sandwich, corn, fruit cup and cookies	Tuesday Nachos supreme, tortilla chips with lean beef, cheddar cheese sauce, and salsa corn and fruit	Thursday Baked lasagna, italian bread, fresh garden salad, choice of dressing and fresh fruit	Friday cheese pizza or fish patty on a roll, veggie stix with dip, fruit cup, frozen treat
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Oriental rug auction

The Hanscom Officers’ Wives’ Club will sponsor an oriental rug auction Oct. 1 at the Officers’ Club.


The auction is free and open to the public.

A preview will be from 5:30 to 6:30 p.m. with the bids beginning at 6:30 p.m. There are no minimums on many rugs.

Many door prizes will be given away throughout the evening and hors d’oeuvres will be served. A 10 percent buyers premium will be added to those winning bids. Proceeds from this event will benefit the OWC enabling them to support the community.

For information call Mary Ann Echols at 274-0064 or Debbie Chapa at 274-9632.

Colonial



Theater

Friday 7:30 p.m. -- INSPECTOR GADGET - Based on the popular cartoon character of the same name, “Inspector Gadget” is a wild and quirky adventure comedy about a somewhat naïve and inept security guard, John Brown, whose heart is equal to his far-fetched dreams of becoming the world's greatest police officer. **PG** (for wacky violence/action, language and innuendoes) **80 min** Starring: **Matthew Broderick, Rupert Everett**

Saturday 7:30 p.m. -- THE HAUNTING - A remake of the classic 1963 movie "The Haunting" a professor draws three subjects to the Hill House mansion for a psychological experiment. During the course of the night some will unravel, some will question and will fight for their lives as the house fights back. **PG-13** (intense horror sequences) **112 min** Starring: **Liam Neeson, Catherine Zeta-Jones**

Sunday -- Theater closed

Admission is \$3 for adults and \$1.50 for children. Schedule is subject to change without notice. Call 3-7940 for movie information.




photo courtesy of movieweb.com

Happenings

Employment

❑ A resume critique clinic will be held at the Family Support Center Thursday, 11 a.m. to 1 p.m. Resumes are openly reviewed by employment assistance specialists and group attendees. This is an opportunity to get feedback on your work and to learn from others. Class size is limited to six. Bring lunch. Call 3-4222 to register.

❑ **Transition and relocation help for civilians** is available at the Family Support Center Monday through Friday, 7:30 a.m. to 4:30 p.m. The DoD Civilian Transition and Relocation Program is designed to help civilians find federal and civilian sector jobs and assist throughout the relocation process. Assistance is available with setting job goals, locating job openings, resume completion and evaluation relocation options.

❑ **Marketing yourself for a second career** will be held at the O'Neill Auditorium, Sept. 28 from 9 to 11:30 a.m. Topics will include a three-phased plan for your job search, preparing and conducting a successful interview and tips on how to strengthen your resume. This seminar is presented by retired Marine Col. "Buzz" Buse of The Retired Officers' Association. Officers, enlisted, civilians and family members are welcome to attend. Registration is not required.

Fitness enhancement

❑ **Fitness for life** will be held at the HAWC Tuesday, 3:30 to 4:30 p.m. This program defines physical fitness, covers evaluating the intensity of your exercise for maximum benefit and methods to reduce risk of exercise-related injuries. Call 3-6560 to register.

❑ **"Eat your veggies"** a cooking demonstration, will be held at the HAWC Wednesday 11 a.m. to noon.

Registration is required. Call 3-6560.

Parenting

❑ The single parent workshop **"The Morning Dash"** will

be held at the Family Support Center Wednesday 11:30 a.m. to 12:30 p.m. Join Patricia Marquis for a presentation on how to get yourself and your children up, ready and out in the chaos of the morning dash.

Call 3-4222 to register.

Work and life

❑ An **eldercare class** will be held at the Family Support Center Monday through Friday, 11:30 a.m. to 12:30 p.m. Explore your role as an adult child of an aging parent and examine the critical issues facing your parent such as negotiating the legal and medical insurance mazes, planning for alternative housing and care and accessing. Call 3-4222 to register.

❑ **Lieutenant's basic financial briefing** will be held at the Family Support Center Tuesday, 8:30 to 10:30 a.m. Topics include military pay and allowances, rent, utilities, savings, managing credit and investment basics. Call 3-4222 to register.

❑ A **home buying seminar** will be offered Sept. 30.

❑ **Sponsor training** will be held at the Family Support Center Wednesday, 2 to 3 p.m. Learn what to expect, what is expected of you and what base resources you can use to ensure our incoming service personnel and families have a smooth move to Hanscom. A prerequisite for all sponsors. Call 3-4222 to register.

❑ **Inbound relocation seminar** will be held at the Family Support Center Friday, 9 to 10 a.m. Welcome new Team Hanscom members and receive your official introduction to Hanscom's settling-in services for new arrivals: local community information, spouse employment, volunteer opportunities, homefinding and budgeting. Families Welcome.

Call 3-4222 to register.

Education Center, Bldg. 1728, 3-2021

❑ **The Education Office testing policy** requires students

to arrive on time for scheduled test sessions.

It is the students responsibility to report on time and our responsibility to ensure the students in the room are not disturbed by interruptions.

Late arrivals will not be allowed to enter the test room. All students taking exams should arrive at least 15 minutes before test time. Doors will close at 8 a.m. for the morning session and again at 12:30 p.m. for the afternoon session.

For information call Education Services at 3-3120.

❑ There will be no testing on the following **CLEP and DANTES exams** for the week of Sept. 26: 08265 English comp, 04910 humanities, 07048 college math, 02267 natural science, 05011 social science and history, 74047 principles of management, SF536 introduction to computers and SE815 principles of public speaking. testing on these exams will resume the first week of October.

❑ The next administration of the **GRE Subject Exams** is Nov. 9. Individuals requiring the exam must register by Sept. 28. The following subject exams are not available: economics, geology, history, music, sociology.

Register for exams through Education Services, 3-3120.

❑ Effective Oct. 1, a **new GRE and GMAT computer based test reimbursement policy** will be in place.

To be eligible for reimbursement the examinee must possess a current valid ID card, have never taken a DANTES funded GRE or GMAT exam, must test after Oct. 1, must be applying to or enrolled in a graduate school requiring the exam or required for application to a commissioning program.

DANTES will fund only one GRE or GMAT per lifetime. To avoid incurring costs which will not be reimbursable, exams should not be scheduled until eligibility is determined and the reimbursement policy is explained to you by the test control officer at 3-2100.



Chapel, Bldg. 1603, 3-3538

❑ **Catholic Masses:** Saturdays at 5 p.m., Sundays at 7:30 and 11 a.m. and weekdays at 12:05 p.m.

❑ **Protestant worship:** general Protestant Service — Sundays at 9 a.m.; Gospel Service — Sundays at 12:30 p.m.

❑ **Jewish services:** the first and third Friday of the month from 11:30 a.m. to 12:30 p.m.

❑ **Eastern Orthodox:** for information contact Tech. Sgt. James M. Boubonis at 274-8714.

❑ **For information** on Chapel services, call 3-3538 or 3-3539.

Chapel Events

Jewish services

Jewish services at Hanscom will resume after the High Holy Days Oct. 8 at 11:30 a.m., in the Chapel Conference Room. Auxiliary chaplain Rabbi Gropper from Temple Isaiah in Lexington, Mass. will preside.

Protestant Sunday School

Sunday School begins this Sunday at 10:45 a.m. Kindergarten through 12th grade classes meet in the Hanscom Middle School and adult classes meet in the Chapel.

A bus will take the children to and from the school, leaving the Chapel at 10:30 a.m. and returning to the Chapel at 11:30 a.m.

Hanscom Women's Retreat

The Protestant Women of the Chapel are sponsoring a women's spiritual retreat Oct. 15 and 16 at the Sheraton Tara Hotel in Framingham, Mass.

The only times to register will be Sunday at 10 a.m. and 4 p.m. in the Chapel.

Claire Cloninger, a four-time Gospel Music Association award winning song writer and author, will be the retreat speaker.

Cost of the retreat is \$40 per person and includes lodging of two persons per room, meals and conference expenses.

Contact Sandra Whitley at 274-0339 to sign up.

Crown Ministries program

Crown Ministries founder and president Howard Dayton will be the guest speaker Sept. 28 at the Crown

Financial Program at 7 p.m., in the Chapel.

Crown Ministries is a non-profit organization set up to provide financial management training to equip people to handle money according to the principles found in the Bible. This is not a fund raising or investment activity.

Contact Ken Whitley at 781-274-0339 for information.

Revival

The Base Chapel Gospel Service community will host an old time Gospel Revival Worship services Thursday and Sept. 24 beginning at 7 p.m. in the chapel.

Pastor Lemuel Webb of New Hope Baptist Community Church of Ayer, Mass. will be the guest speaker. Music will be provided by Hobart Yates and the Gospel Service Choir. Refreshments will follow.

All are welcomed to attend this event. Call Chaplain (Capt.) Dennis Saucier at 3-3538 for information.

Gospel Service Anniversary Service

The Hanscom Gospel Worship Service will observe its 22nd anniversary celebration with a special worship service Sept. 26 at 12:30 p.m.

Pastors Gary Palmer and Lemuel Webb of New Hope Baptist Community Church of Ayer, Mass., will join the members of the Gospel Service Choir and worship community to mark the founding of the Hanscom Gospel Service. All are welcome to attend the worship service and luncheon that will follow.

Call Saucier at 3-3538 for information.



Services

Editorial comment is edited, prepared and provided by the 66th Services Squadron at Hanscom. All photos are Air Force photos unless otherwise indicated. Any questions about this supplement may be addressed to Joan Barnhart at 3-9681.

What's Happening in Services

Outdoor Recreation Bldg. 1531, 3-5316

- Planning a party? Outdoor Recreation has party packages to make your event a huge success. Canopies, tables, chairs and coolers are available.
- Attention **Volksmarch** enthusiasts. Tomorrow is the big day at **Fourth Cliff**. Join us for this super annual event and be ready to celebrate with us as we combine our Volksmarch with our **Oktoberfest Celebration**. Details and registration information will be coming.
- Bring your propane tank in Monday through Friday by 1 p.m. and pick up the same day by 3 p.m. Only \$8.



BOWLING Hanscom Lanes Bldg. 1531, 3-2237

- Bowling bingo** runs daily from 11 a.m. to 10 p.m. Win up to \$1,000. Only \$1 per chance.
 - Family bowling** every Saturday. Choose from 3 to 5 p.m. or 5:15 to 7:15 p.m. Cost is \$7 per lane for 2 hours of bowling.
 - Glow bowl with us Sept. 25. Reservations begin the Thursday before anytime after 9 a.m.
 - The king and queen of the hill tournaments returns tomorrow. Start time is 7:30 p.m.
- Call for information.

Veterinary Clinic Bldg. 1219, 3-3266

- Upcoming clinic dates are Tuesday, Wednesday and Thursday. Call ahead for an appointment. All animals must be on a leash or in a carrier. No children are permitted during clinic hours.

Youth Center Bldg. 1993, 3-3739

- Look for the Family Talent Contest, Oct. 14 at the Base Theater at 6 p.m. Register by Oct. 1. For information call us.
- Chaperones are needed for all teen events. If interested call 3-3739.

Family Child Care Bldg. 1994, 3-1280

- If you love working with children and want to work out of your home, then Family Child Care wants you. Call us at 3-1280 for more information on becoming a licensed child care provider.

Child Development Bldg. 1994, 3-1282

- Child care and school age providers are needed. If interested, please call for more information.



Fitness and Sports Bldg. 1548, 3-3639

- The **men's base soccer team** will resume play this fall in the Massachusetts Bay State League. If interested call 3-9123 or 781-271-5913 for details.
- Martial arts** classes are held every Monday and Wednesday from 7 to 8:30 p.m. and Saturday from 11 a.m. to 1 p.m. Classes are free and open to all base personnel.
- Therapeutic massage** is offered on Mondays by appointment. Cost is \$30 for half hour and \$50 for one hour. Available times are from 8 to 10 a.m. and from 1 to 4 p.m.
- Individual fitness assessments** are available. Call customer service at 3-3639 to schedule your appointment.
- Free **aerobic classes** are held weekly. Call us for details and class times.



Tickets and Tours Bldg. 1531, 3-3262

- Discount tickets are available for **King Richards' Faire**. Save \$3.50 on each adult ticket. Call us for available dates in September and October.

- Grand Amish tour of Pennsylvania Dutch Country** Oct. 9 to 12; \$352 per person, double occupancy.

- Jekyl and Hyde**, Oct. 3, at 2 p.m. at the Wang Center, \$66.

- The Sound of Music**, Oct. 24 at 2 p.m., Wang Center, \$68.50.

- Riverdance**, Nov. 7 at 2 p.m. at the Wang Center, \$70.

- Radio City Music Hall** Christmas Spectacular, Dec. 4 and 5, \$239 per person, double occupancy.

- New Year's Eve in Montreal** Leave Dec. 30. \$379 per person, double occupancy. Book early, seats will go fast!

- Tickets are available for the following attractions: Roger Williams Zoo, Providence R.I.; Riverside Park in Agawam, Mass.; Six Flags in New Jersey; Water Country and Canobie Lake Park in New Hampshire; and Yorks Wild Kingdom in Maine.

- Going to **Disney World**? Check out our prices for the four or five day Park Hopper pass or the All in One Hopper Pass.

- Movie tickets are available for General Cinema, Showcase Cinema and Sony-Lowe's.

Base Library Bldg. 1530, 3-2177

- Story Time** every Tuesday, 10:15 to 11 a.m. Join us for a story and a craft, ages 3 to 5.
- New expanded hours, Monday 9 a.m. to 5 p.m., Tuesday through Thursday, 9 a.m. to 8 p.m.; Friday and Saturday, 10 a.m. to 5 p.m.

Base Pool Bldg. 1550, 3-2455

- The pool is closed to prepare for the winter season and the installation of the pool bubble. Look for us to reopen on or about Oct. 6.

Community Center Bldg. 1998, 3-2833

- The **Hanscom Community Center** is the perfect place to host parties, office meetings, and other functions. We are currently accepting reservations through November. Call Courtney at 3-2833 for reservation information.

Club Happenings

- Wednesday night buffet** is 5 to 7 p.m. at the Enlisted Club; \$6.95 for adult members, \$3.95 for children. Surcharge applies.

- Get your **lunch bunch discount** at the Officers' Club Monday through Friday. All personnel are welcome.

- Everyone is invited to enjoy the **Tuskegee Airmen Room** at the Enlisted Club. As a reminder, this is a designated non-smoking area.

- Steak night** every Tuesday at the **Enlisted Club** now through September from 5 to 8 p.m. and every Thursday from 5:30 to 8:30 p.m. at the **Officers' Club**. Everyone is welcome.

- Karaoke** with Laurie Beth is every Thursday at the Enlisted Club, 7 to 10 p.m.

- Club Catering Services** are available for that special party or function. Call Karen Cardoos at 3-9694 for more information.

- Sunday **"champagne brunch."** at the Officers' Club, Sept. 26 from 10:30 a.m. to 1:30 p.m. Open to all base personnel. Adults \$9.95, children ages 6-12 \$5, and kids 5 and under are free.

- Happy Birthday Air Force**. Join the Officers' Club and the Patriot Enlisted Club tonight for food, fun and games as they celebrate the Air Force's 52nd Birthday and Membership Night.



UNITED STATES AIR FORCE
CLUBS

5K FUN RUN

The next 5K Fun Run or Walk will be held Thursday at 9 a.m.

Those interested can sign up at the Fitness Center. Cost is \$10 for a T-shirt and fitness drink, or \$3 for just the fitness drink. A traveling trophy will be presented to the squadron with the most participants and for the fastest five-person run team.

Call the Fitness Center at 3-3639 for information.

Fly farther with Aero Clubs

AFMC has recently initiated the Fly Farther program to reward Aero Club members for hours they fly between July 19, 1999 to July 18, 2000. Members who are rated Private Pilots and not enrolled in the Introductory Flight Training program are eligible to receive awards through the Fly Farther program. All members meeting the eligibility criteria will be automatically enrolled in the program. Members should bring their logbooks to the Aero Club office by the 15th of each month to receive awards.

Interested in learning to fly? Now is the time to do it. Join the FTC between Sept. 20 and Oct. 31, 1999 and it will waive the initiation fee of \$25. The Flight Training Center will be hosting an Open House to kick off this event in the near future...so stay tuned. For information on learning to fly or the Fly Farther program call 3-5160.

Cake Decorating Class

A cake decorating class will be held at the Community Center Oct. 23 from 10 to 11:30 a.m.

All participants must bring an unfrosted 9" x 13" cake. Cost is \$7 per person.

For information and for registration call Courtney at 3-2833.

HELP WANTED!

**Child Care Givers
Lodging Clerks
Wait Staff and Cooks
Central Cashier
Accounting Technician
Contact: Human
Resources
(781) 377-8741, E.O.E.
Fax Resume to 781-377-7899**



Senior Airman Tasha Robinson and Senior Airman David Robinson load up their car with the package and car seat that they received from the Bundles for Babies program.

(courtesy photo)

Family Support Center helps people

Whether you are active-duty military, a family member or a Department of Defense civilian employee, you need to know about Hanscom's Family Support Center. The professionals there can help you transition from military to civilian life, from federal civil service to private sector employment or from a federal job in Massachusetts to one in another part of the country or even the world.



photo by Senior Airman Jason J. Ide
Matt McCarthy, mechanic at the Auto Hobby Shop, performs a safety inspection of a family member's vehicle.

Air Force Aid Society

Point of contact: **Julie Cornell**

The Air Force Aid Society is the official charity of the Air Force. Emergency financial assistance and community enhancement programs exist to promote the Air Force mission by helping to relieve the distress of Air Force members and their families during difficult times.

The AFAS helps with a grant to assist with funeral expenses in the event of a death in the immediate family (spouse or children only) of a military member.

Loans and grants are also available for emergency travel expenses, emergency vehicle repair, moving expenses (such as first and last month's rent and security deposit) and unexpected med-

ical or dental services. All AFAS loans are interest free.

Educational grants of \$1,500 are also available for dependent children and spouses who are in undergraduate degree, vocational or technical programs. Applications are available in November and are due the following March.

Bundles for Babies is one of the community enhancement programs, which is a workshop for expectant parents in their second trimester of pregnancy. In addition to receiving information from the Child Development Center and the Clinic, parents receive a baby gift package and a parenting book.

"Give Parents a Break" allows free baby-sitting once each month for parents whose spouses are TDY, or who just need a break for themselves. Other programs include: Car Care because we Care, respite care and child care for PCS.

Relocation Assistance Program

Points of contact: **Terri O'Keefe and Fran Cusick**

Terri and Fran help single and married Air Force members and their families prepare for relocation to a new base. They have various resources available for personnel to find out more information about their new assignment, including information about housing, schools and cost of living. Smooth Move Seminars are held for those moving away from Hanscom. Since they support a seven-state region, they provide in-depth relocation services not only in their offices but by telephone and mail as well.

They often contact individuals by phone to welcome them and find out if any specific information is needed. They also train military and civilian sponsors who welcome newcomers to the base.

In addition, relocation seminars are pro-

vided for Hanscom's public schools.

Once personnel arrive on base, the FSC staff offers special "T" adventures to help families learn to negotiate Massachusetts' public transportation system. They also hold a "Newcomers' Welcome" seminar twice a month. This seminar allows newcomers a chance to learn about the relocation program and what services are available to them.

DoD civilians can receive a relocation assessment to help find out more about an area they're thinking of relocating to, or to address specific concerns. Packages for relocating DoD civilians are designed to meet their specific needs. Using the FSC's computerized relocation assessors at the ERRC, you can research different areas of the country and find out the crime rate, cost-of-living, climate, housing costs, job market, taxes, education and other information for each locality.

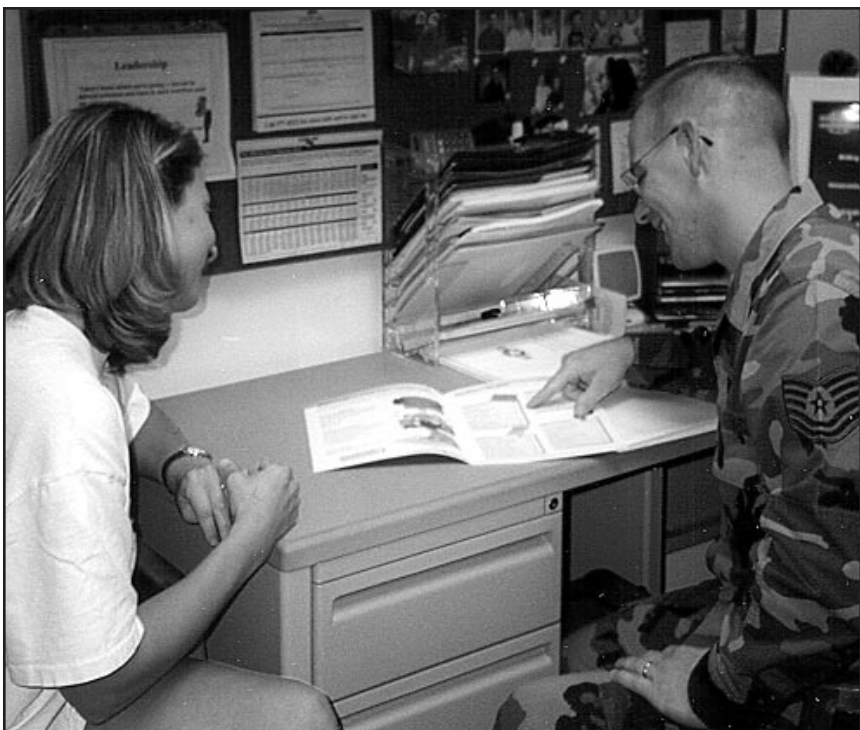


photo by Julie Cornell

Tech. Sgt. Todd Miller helps a customer prepare for temporary separation.

Transition Assistance Program

Points of contact: *Nancy Adams, Judy Tipton and Terry Cornelier*

The Transition Assistance Program offers transition counseling, career planning, development of job search skills and access to employment opportunities and information.

Classes on searching for a job teach many of the basics and some of the more advanced concepts. Some of these classes include "Small Business Workshop," "Telephone Techniques for Job Search," "How to Complete a Federal Application," "Interviewing & Salary Negotiation" and others. There are also resume critique clinics each month.

The most well known "class" is unarguably the TAP seminar, held every month for those transitioning from military to civilian life and their spouses. In spite of the popularity of the seminar, many people don't realize that it is meant to help them prepare in advance for separation or retirement, and is most effective when taken six to twelve months before they leave the military.

The four-day TAP seminar is a huge undertaking involving approximately 40 briefers, interviewers and panelists at each seminar. They speak on every issue imaginable that applies to those separating and those retiring, such as veterans' benefits, disability claims, financial management, health care,

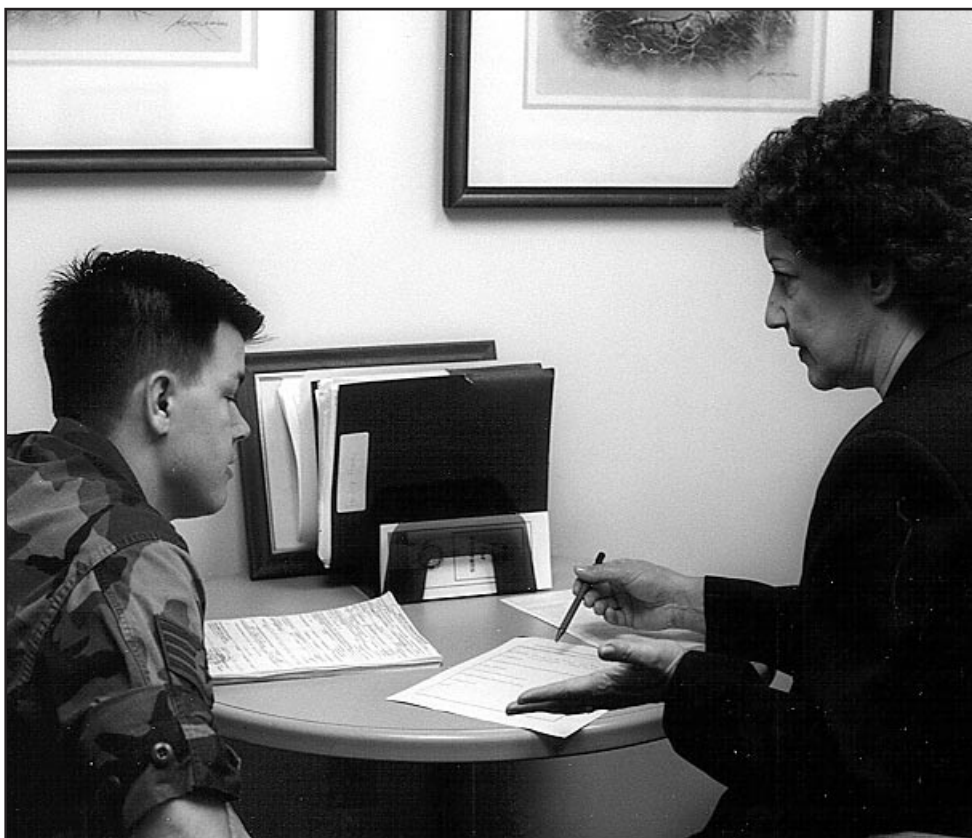


photo by Julie Cornell

Judy Tipton goes over a pre-separation checklist with a customer.

resume writing, practice interviewing and salary negotiation. There is also a veterans' panel (life on the outside) and an employer panel (what employers look for in prospective employees).

The annual Hanscom Job Fair, held in April, is also part of TAP, and brings about 80 employers to the base. This is an excellent opportunity to try out your interview suit and check out the job market.

During this time of outsourcing, the FSC programs also assist civilians who are in transition. Terry Cornelier reviews personal and career goals and assists in developing a plan of action as

Family Readiness Program

Point of contact: *Tech. Sgt. Todd Miller*

Miller meets with military and family members prior to departure for a deployment or a remote tour of duty. He gives a support package full of financial, practical and legal tips. The meeting also covers what the member and family need to do to prepare for the TDY both logistically and emotionally, as well as introducing them to services that are available during the separation.

The services available are vast: contact calls to families; enrollment in morale calls; video calls; video e-mails; and information and referral just to name a few. It is also possible to use the FSC computers to send e-mails to loved ones who are deployed. The military member also receives a writing kit to encourage him or her to write to the family.

Children are not left out of this program; they receive booklets about how and why a parent is deploying. The booklets contain maps and puzzles to help children understand why a parent must go, about staying in touch and what to expect when their parent returns.

While the military member is deployed, Miller is available to the family members to answer any questions they may have. He acts as a liaison with the rest of the base, someone the family member can turn to for help.

A month before the military member returns, Miller mails a reunion package, to the family. This helps everyone know what to expect, because reunions are not always easy—people have had time to grow in different ways, and gain their independence. Coming back together again takes time and sometimes difficult adjustments, but is much easier if all parties are prepared.

The Air Force Aid Society sponsors "Car Care Because We Care." This program helps keep the primary family vehicle of active-duty Air Force members in top running condition by providing an oil and filter change, lubrication, safety checks and winterization requirements performed at the Base Auto Hobby Shop. The only personnel eligible for this program are spouses of active-duty Air Force members deployed for more than 30 days or assigned to a remote tour. You must sign up for this program with Miller to receive a voucher.

Career Focus Program

Point of contact: *Jacqui Thomas*

Whether you're a brand-new spouse to the base or you've been here for several years, if you're looking for a job your next stop should be the FSC. Jacqui can help you figure out what type of salary you should expect in this area for the type of work you do, and give you several direct leads to companies looking to employ military spouses. She provides training on job search techniques, resume writing and interviewing and salary negotiations.

Jacqui is available to all spouses for career counseling appointments. During these appointments she helps you figure out which career best suits your skills, interests, personality, learning style and values. You'll find out what the salary potential is for each type of job and if that salary will meet your goals.

She can also help you find what colleges, universities and institutes in the local area provide the training that best suits you, and how you will afford the education you need for the job you want.



photo by Julie Cornell

A military member talks to representatives of the Massachusetts Department of Corrections during job fair sponsored by the center.

civilians prepare for the future. Assistance is given with locating and applying for both government and private sector jobs, and with completion of resumes and job applications.

The FSC resource center is set up to facilitate locating public and private sector job openings on internet and offers direct quick and easy links to nearly all government job openings.

A federal employment directory has been developed containing lists of federal agencies in the New England states, web addresses of federal agencies and other information to make a federal job search easier.



photo by Julie Cornell

Dennis Carr assists a customer in the resource center with a job search.

Employment and Relocation Resource Center

Point of contact: *Dennis Carr*

The ERRC contains the resources in support of the employment and relocation programs and brings many of the FSC services together in one room. Unlike most resource centers in the Air Force, Hanscom has a full-time person assigned to the room to teach customers how to get the most out of its resources.

The ERRC boasts eight computers with full Internet access for employment and relocation research and a library of various reference books, periodicals, maps and newspapers, video and audio tapes. It also has a typewriter, a fax machine for outgoing faxes, phone banks for job search and relocation-related calls, job vacancy announcements and information on various companies.

Dennis gives orientations to the ERRC on a walk-in basis. Some of the programs he introduces customers to are "Winway Resume," "Quick & Easy SF-171 or OF612" (for federal employment), and the "Transition Bulletin Board." He also shows customers how to get on the Internet to search online for jobs. The ERRC has over 70 bookmarked web sites on which to start a job search.

Personal Financial Management Program

Point of contact: *Julie Cornell*

The PFMP program provides financial planning and debt counseling to active duty, retirees and widows of all branches of the military. Julie offers assistance to

widows and retirees ranging from creditor negotiations to negotiating the stop of foreclosure procedures. She also provides guidance on how to be financially independent and how to gain control of your financial future.

Family Services

Point of contact: *Karen Severns*

This part of the FSC is run completely by volunteers and provides several important services for Hanscom.

The Layette Program provides \$90-\$100 worth of baby items to military E-5 and below. The STRIPES Program volunteers sew stripes on shirts for E-5 and below personnel, and once for E-6. There is also a brochure program that allows military members and their families who are PCSing to borrow brochures and videos about their new base.

The loan locker provides items to members who are in the process of moving or who have unexpected guests. The Airman's Attic loans furniture to airmen who are just starting out in their first home.



photo by Julie Cornell

Karen Severns helps a customer sort through items in the Loan Closet.

The Enlisted Wives' Club and the Officers' Wives' Club work with the FSC to welcome new arrivals at the Temporary Lodging Facility. There is also a Playgroup for babies and toddlers that meets during the school year at the Youth Center gym.



photo by Julie Cornell

Dawn Andreucci shows a customer the resources available in Parents' Place.

Family Life Program

Point of contact: *Dawn Andreucci*

The Family Life Program supports service members and retirees in every program area. It includes all programs designed to help single and married Air Force members and their family members adapt to current and future changes in their lives. The courses offered provide guidance and tips on communication, parenting, stress management, setting goals, handling grief, what to do about elderly care and much more.

Some of the programs unique to Hanscom include the Angel Tree program, which provides young base children with warm clothes for the winter; the Big Friend pro-

gram, which matches Hanscom children with military or dependent adults for one year; and the Campership program, that helps eligible families afford summer camps for their children.

There is a single parents workshop and lunch once each month at the Child Development Center. Programs and classes are decided based on in-class surveys, suggestions received, and focus groups.

According to Dawn, one of the most important programs is the Bereavement Support Program, which helps

people cope with loss and grief. In a package she loans out, there is a list of support groups in the area. Even people who are not able to come to the FSC can get help—Dawn can find resources and web pages for them no matter where they are.

Dawn also has a wealth of knowledge for new moms, a folder full of local area resources. In addition, the FSC has an area called Parents' Place, a vast resource for a new or experienced parent. There is a book of parenting websites, a computer with Internet access, videos, tapes, books, magazines, and a multimedia center as well as a few comfortable couches. The nearby Family Life Library also provides a huge amount of information about parenting, relationships and other life issues.

Volunteer Program

Point of contact: *Jacqui Thomas*

Jacqui is the point of contact for all volunteer opportunities on and off base. She is responsible for ensuring the volunteers are recognized each year through the Volunteer Salute and the Volunteer Excellence Award programs. If you are looking to volunteer, or if your agency needs volunteers, she is the best POC.



photo by Julie Cornell

Jacqui Thomas shows a customer some of the information on display at the center.